



United States Army Logistics Transformation Agency

Common Logistics Operating Environment

**Information Briefing for:
G0/SES Directors
16 Aug 04**

Logistics Transformation Agency
(717) 770-7600





Program Status

■ Aviation

- Participating in PEO/PM IPTs, working OV, TV and assisting with SV
- MOA signed Apr 04
- Working CLOE requirements into the Armed Reconnaissance Helicopter

■ Ground

- FCS MOA signed Jun 04
- Working CLOE requirements into the RFP for TWV, HMMWV, and TSV

■ Joint

- Working with USMC Autonomic Logistics on joint architecture required for Milestone B decision.
 - Good potential for ONR funding.
- Working with J-4, JFCOM, TRADOC
 - CLOE is consistent with the evolving joint vision
- Future coordination with TRANSCOM & OSD
- Reviewing requirement for a Joint ICD to support Focused Logistics



Program Status Continued

- **Coordination**
 - Continue participation on the Focus Area IPTs
 - PEO EIS & PM LIS agreed to support Initial Capabilities Document development
 - PM GCSS-A concurred on CLOE participation in blueprinting
- **Architecture Development Status**
 - Completed DODAF training
 - CASCOT Deputy approved establishing an ICT to review/approve OV products
 - Coordinating ICT orientation & OV product review/approval process
 - Forming OV & TV development teams
 - Worked standards approval process with AMC SASG
- **SBCT Proof of Enablers (PoE)**
 - Conducted status review meeting - 11-13 Aug 04
 - Develop initial set of SBCT PoE test scenarios - 27 Aug 04
 - Complete TWV on-vehicle integration - 10 Sep 04
 - Complete STRYKER/TWV performance testing - 10 Nov 04
 - VIP Road Show - Nov 04-Jan 05



CLOE_{EX} VISION

- **Vision: An overarching integrated logistics architecture that fuses information, logistic processes, and sensor-based technologies to support tactical, operational and strategic sustainment levels which operates in a Joint Integrated Logistics Environment.**



Scope: CLOE_{EX} Overarching Logistics Architecture

Strategic

National

Operational

Theater/UEy

Tactical

UEx / BCT

CLOE_{ex}

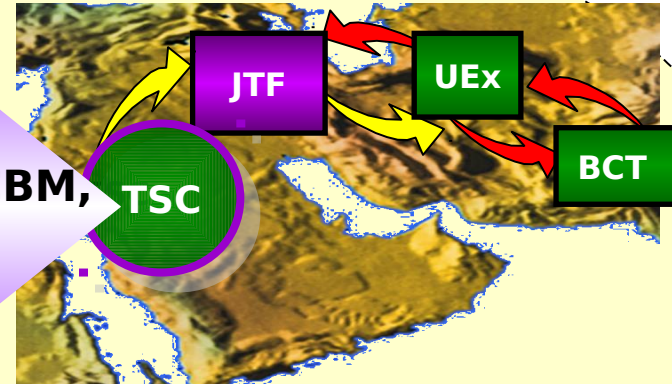
JOA



National Base

National
Sustainment
Base

Sustainment, C2/C3, CBM,
Requirements



TSC

Theater
Sustainment
Command

**Fix, Arm, Sustain, Move,
Command & Control, Medical***

Top Down Planning

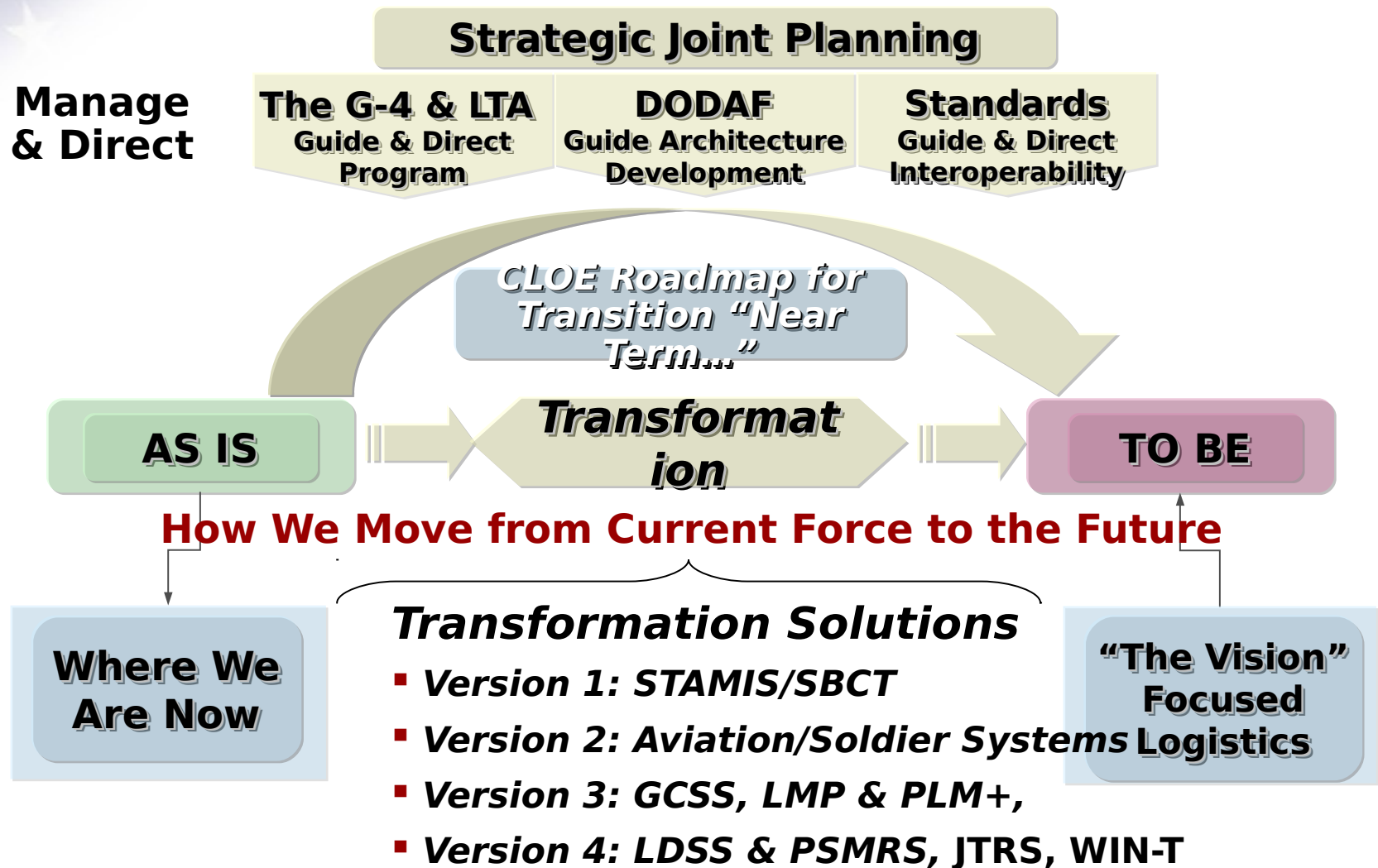
Bottom Up Build - Soldier/Platform Driven

*Will feed data to medical systems



CLOE_{EX} Path Forward – Logistics Transformation

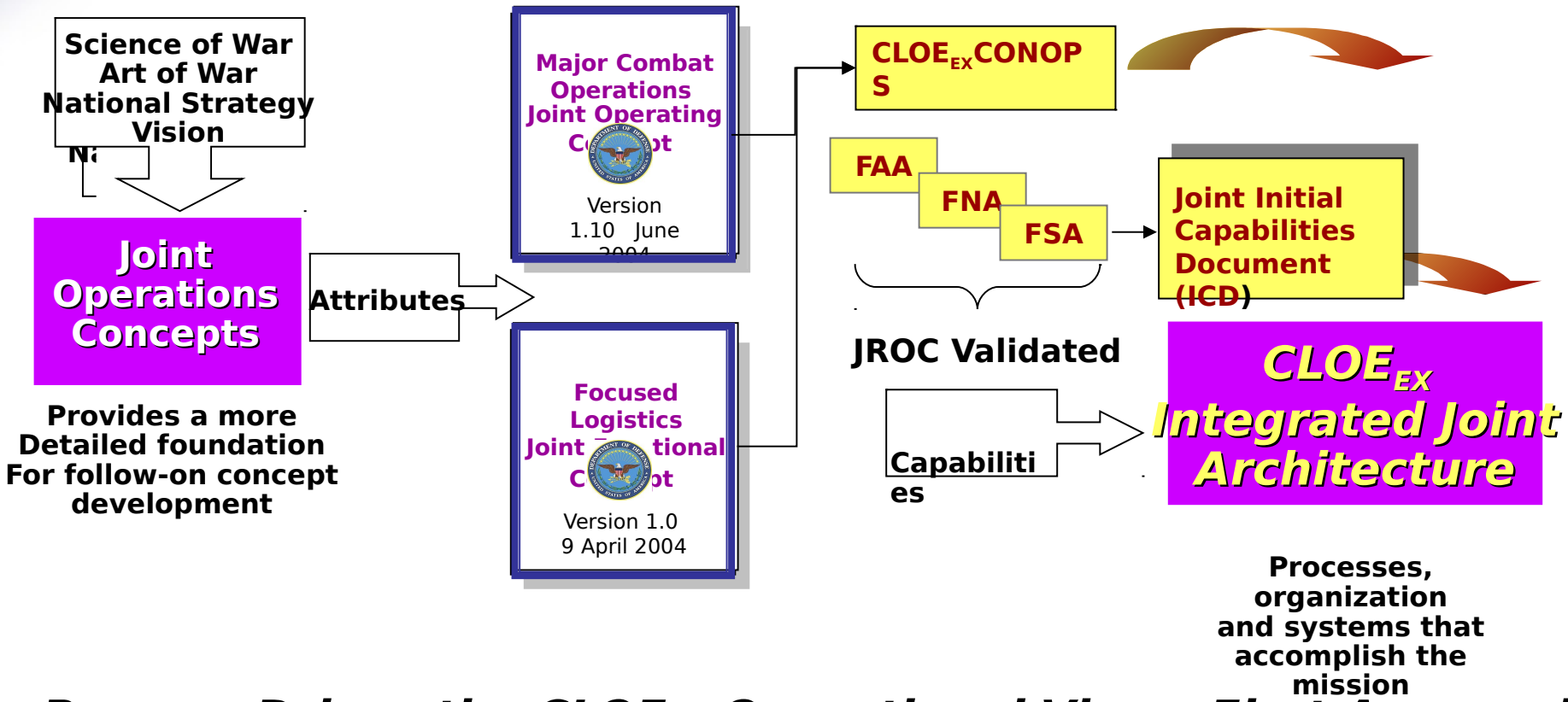
A Joint Integrated Overarching Logistics Architecture





From Concept To Architecture

Born Joint



This Process Drives the CLOE_{EX} Operational-Views-First Approach



Integrated Concepts & Architectures

Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 3170

- Mandates integrated architectures
- Joint Capabilities Integration and Development System (JCIDS) implements a capabilities-based approach that utilizes an integrated architecture
- Architecture views are mandatory appendices to ICD, CDD and CPD

Joint Operating Concept Categories

		Major Combat Operations	Homeland Security (NORTHCOM)	Stability Operations (S)	Strategic Deterrence (STRATCOM)
Joint Functional Concepts	Battlespace Awareness				
	Command and Control				
	Force Application				
	Protection				
	Focused Logistics				

Joint Integrated Architectures

Battlespace Awareness

Command & Control

Force Application

Protection

Logistics



CLOE Architecture Products

EHMS

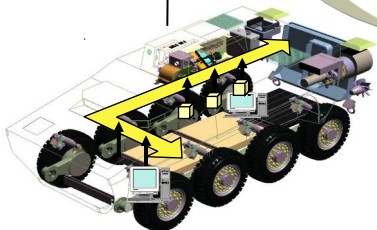


Actionable Data...



**S&R
Inputs**

Situational Awareness Data



PSMRS/LDSS

Technical
standardization - data
protocols & interfaces

TV-1 Technical Architecture Profile (Standards)
TV-2 Standards Technology Forecast

Information
requirement

OV-2 Node Connectivity Description
OV-3 Information Exchange Matrix
OV-4 Organizational Relationships Chart
OV-5 Activity Model

Process of transferring
information & timescale

OV-6 Operational Activity Sequence and
Timing Descriptions
OV-7 Logical Data Model

Output

Sustainment

Strategic

Operational

Tactical

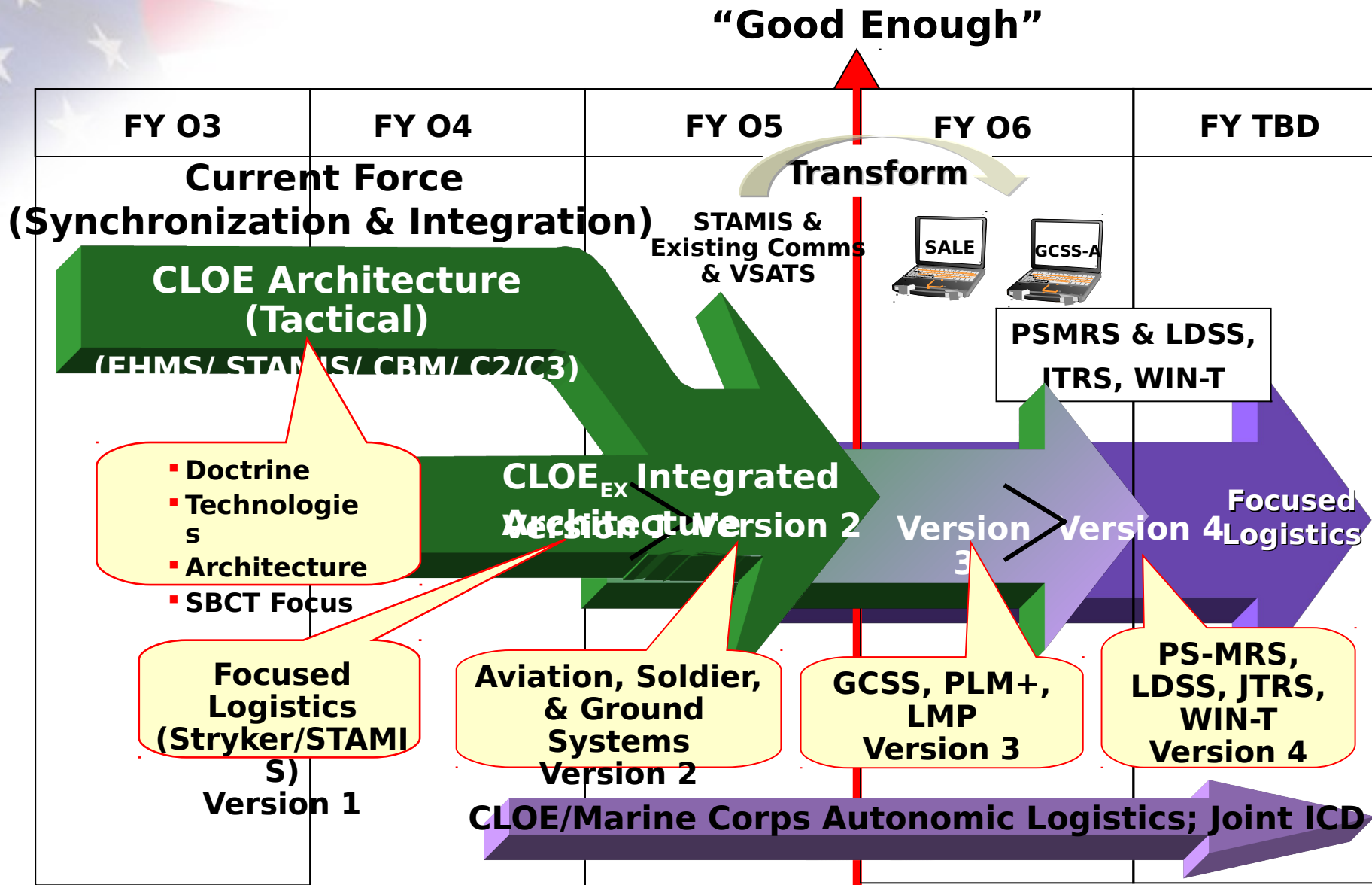
**Command
Level**

Output

S



Proposed CLOE_{EX} Development





Next Steps

- **Informational Briefings**
 - J-4 Staff (J-4 Input) - Completed
 - G-4 Staff Sponsors- Completed
 - G-4 Decision Brief - 16 Aug 04
 - GO/SES Briefing - 16 Aug 04
 - G-4 Staff - TBD
 - OSD - TBD
 - AMC TBD
- **Architecture development tools assessment & decision**
- **Conduct TRADOC/CASCOM ICT orientation**
- **Conduct architecture development team orientation & training**
- **Begin architecture development process**